

**ACTUAL PROBLEMS OF MICROWORLD PHYSICS**

July 27 - August 07, 2015

*Dedicated to the 60th Anniversary of the Joint Institute for Nuclear Research***SCIENTIFIC PROGRAMME**

- status and main recent experimental results from LHC and other accelerators,
- physics with future linear colliders (ILC, CLIC,...),
- projects NICA and FAIR: status and perspectives,
- non-accelerator physics,
- physics "in" and "beyond" the Standard Model,
- soft and hard QCD processes, jets, hard diffraction, quark-gluon media, relativistic nuclear physics,
- new trends in quantum field theory,
- review lectures on new trends in information and industrial technologies

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